

For Research Use Only

MTMR9 Polyclonal antibody

Catalog Number: 31060-1-AP



Basic Information

Catalog Number:

31060-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34134

GenBank Accession Number:

BC022003

GeneID (NCBI):

66036

UNIPROT ID:

Q96QG7

Full Name:

myotubularin related protein 9

Calculated MW:

63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells

Background Information

MTMR9 (Myotubularin-related protein 9) acts as an adapter for myotubularin-related phosphatases (PMID: 19038970; 22647598). MTMR9 can increase lipid phosphatase MTMR6 catalytic activity, specifically towards phosphatidylinositol 3,5-bisphosphate and MTMR6 binding affinity for phosphorylated phosphatidylinositols (PMID: 19038970; 22647598). It can also increase MTMR8 catalytic activity towards phosphatidylinositol 3-phosphate and stabilize MTMR8 protein levels (PMID: 22647598).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

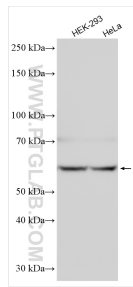
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31060-1-AP (MTMR9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.